



Form PTO-1449

Information Disclosure Citation

Attorney Docket
02-024Application No.
10/642,439Applicant
Brophy et al.Filing Date
Aug 14, 2003Group Art Unit
1755

U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Translation
<i>JP</i>	AH	WO 02/068454 A2	2002	PCT	C07K	1/00	
	AI						
	AJ						
	AK						
	AL						
	AM						

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

<i>JP</i>	AR	"Enzymatic Microreactors," Ackerman et al., http://pnl.gov/microcats/aboutus/research/enzymatier.html , March 2001.
<i>JP</i>	AS	"Base catalysts immobilised on silica coated reactor walls for use in continuous flow systems," Jackson, et al., Green Chem., 6, 193-195 (2004).
	AT	
	AU	
	AV	

Examiner

Pasterczyk

Date Considered

6/24/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Tethered Catalyst Processes In Microchannel reactors and Systems Containing a Tethered Catalyst or Thethered Chiral Auxiliary
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Application Number : 10/642439



Confirmation Number: 2458

First Named Applicant: John Brophy

Attorney Docket Number: 02-024

Art Unit: 1755

Examiner: James W Pasterczyk

Search string: (5171898 or 5451704 or 5789333 or 5811515 or 6197714 or 6455458 or 6660890 or 6087293 or 6028025 or 3933438 or 5080771 or 5314827 or 5373725 or 5753143 or 5766954 or 5778664 or 5783741 or 5932791 or 6316616 or 6414836 or 20010056190).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
JP	1	5171898	1992-12-15	Arntz			
JP	2	5451704	1995-09-19	Wu et al.			
JP	3	5789333	1998-08-04	Angelici et al.			
JP	4	5811515	1998-09-22	Blackwell et al.			
JP	5	6197714	2001-03-06	Bansleben et al.			
JP	6	6455458	2002-09-24	Canich		502	117
JP	7	6660890	2003-12-09	Studer		568	599
JP	8	6087293	2000-07-11	Carnahan et al.		502	158
JP	9	6028025	2000-02-22	Sun et al.			
JP	10	3933438	1976-01-20	Bowler et al.			
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JP	12	5314827	1994-05-24	Schmidt et al.			
JP	13	5373725	1994-12-20	Sironi et al.			
JP	14	5753143	1998-06-16	Bhat et al.			
JP	15	5766954	1998-06-16	Freedman et al.			
JP	16	5778664	1998-07-14	Janata et al.			
JP	17	5783741	1998-07-21	Ellis et al.			
JP	18	5932791	1999-08-03	Hambitzer et al.			
JP	19	6316616	2001-11-13	Jacobsen et al.			
JP	20	6414836	2002-07-02	Tennet et al.			

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6/28/05

Reactions on supports
catalyzed by
porphyrins on
surfaces

other
cataly

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
JP	1	20010056190	2001-12-27	Goossen et al.			


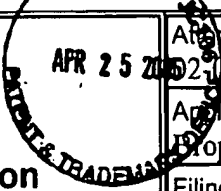
Remarks

Note: Remarks are not for responding to an office action.

no fee is due since there has not been a first office action on the merits

Signature

Examiner Name	Date
Pastorizky	6/29/05

	Form PTO-1449 Information Disclosure Citation			Attorney Docket 02124	Application No. 10/642,439
			Applicant Brophy et al.		Filing Date Aug 14, 2003

U.S. Patent Documents

Examiner Initial		Patent Number	Date	Name	Class	Sub-Class	Filing Date
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Foreign Patent Documents

		Document Number	Date	Country	Class	Sub-Class	Translation
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JP	AI	DE 10031381 A1	2002	PCT	C07B	61/00	
JP	AJ	DE 19950952 A1	2001	PCT	C07C	27/00	
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	AL						
	AM						

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

JP	AR	PCT International Search Report, PCT/US03/25442, mailed Nov. 20, 2003
JP	AS	"The use of a novel microreactor for high throughput continuous flow organic synthesis," Greenway et al., Sensors and Actuators B, pp 153-158 (2000).
JP	AT	"An investigation of Knoevenagel condensation reaction in microreactors using a new zeolite catalyst," Zhang et al., Applied Catalysis A: General 261, pp 109-118 (2004).
JP	AU	"Knoevenagel condensation reaction in a membrane reactor," Lai et al., Chem. Commun. pp 218-219 (2003).
JP	AV	"Technology and Applications of Microengineered Reactors," Gavriilidis et al., Trans. IchemE, vol. 80, Part A, pp 3-30 (Jan 2002).

Examiner

P. A. H. 0.8.46

Date Considered

6/24/06

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